



distributed stream data are recorded in the application packet areas; and

when a blank portion is present at an end of the application packet area, providing a stuffing area  
5 formed of a predetermined number of bytes in the blank portion.

3. A method of recording information on an information medium which has a data area for recording stream data using stream packs each of which includes  
10 an application packet area having one or more application packets with time stamps, and a management area for recording management information that pertains to the stream data, said method comprising:

distributing the stream data to the application packet areas in the stream packs, and recording the  
15 distributed stream data in the application packet areas; and

as a result of recording the distributed stream data, if a blank portion of one or more of the stream  
20 packs appears between an end of a last one of the stream packs that actually contains the stream data, and an end of the data area for recording the stream data, then recording a stuffing packet in the blank portion.

4. An information recording method using an  
25 information medium which has a data area for recording stream data using data packets and data units each

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constituting the stream data by a plurality of the  
data units;

recording, in the management area, at least a time difference value corresponding to a difference between a first time stamp recorded in a first data unit and a second time stamp recorded in a second data unit, said first and second data units being included in a plurality of said data units.

6. A method according to claim 4, wherein a value of a first time stamp recorded in a first one of the data packets located in the data unit is used to compute the time difference value.

25           7. A method according to claim 4, wherein a time stamp recorded in the data packet at an end of a last one of the data units included in the stream data

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10. A data structure which has a data area for

5           a plurality of stream packs, each of which  
contains one or more of the data recording units with  
time stamps, are provided, and the stream data are  
distributed to these stream packs,

a start portion of an application packet area included in a first one of the stream packets of the stream data matches a start byte of the time stamp appended to a first one of the data recording units in the application packet area.

12. A data structure which has a data area for recording stream data using data packets and data units each being larger than the data packet, and a management area for recording management information that pertains to the stream data, wherein

the stream data are distributed to application packet areas each including one or more of the data

packets, and

when a blank portion is present at an end of the application packet area, a stuffing area formed of a predetermined number of bytes is provided in the blank portion.

13. A data structure according to claim 12, wherein if a blank portion of one or more stream packs appears between an end of a last one of the stream packs that actually contains the stream data, and an end of the data area for recording the stream data, then a stuffing packet is recorded as padding data in the blank portion.

14. A data structure which has a data area for recording stream data using data packets and data units each being larger than the data packet, and a management area for recording management information that pertains to the stream data, wherein

the stream data includes a plurality of the data units,

each of the data unit includes one or more of the data packets each recording time stamp information, and

a time difference value corresponding to a difference between a first time stamp recorded in a first data unit and a second time stamp recorded in a second data is recorded in the management area, said first and second data units being included in said data units.

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information of a program chain that describes a set of one or more cells is recorded in the management area, and

the management information includes information of an entry point which can be used as a marker of a skip position upon partially skipping recorded contents of the stream data in playback.

19. A data structure according to claim 18,  
wherein the management area includes stream object  
general information which includes at least one of  
recording time information of the stream data, a data  
packet arrival time of a start portion of the stream  
data, and a data packet arrival time of an end portion  
of the stream data.